



BADGER STATE

Smoke Signals



Serving Amateur Radio In Wisconsin

Published Monthly Since 1969

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RADIO HAMS ENHANCE SEVERE WEATHER REPORTING

by Edwin S. Addison III, Meteorologist in Charge
National Weather Service, Madison WI

Rapid communications during extreme weather situations is very important to the National Weather Service (NWS). The Ham Radio Operators across the nation and especially Wisconsin have made great contributions to meet this most critical criteria. We in the National Weather Service wish to commend those Radio Hams that have contributed to meet this end.

At the NWS Office at Truax Field in Madison, a base radio station has been established. About two years ago an antenna was mounted on one leg of the Radar Tower to provide a better signal range. Voice transmitting and receiving equipment has been placed in the Radar Room so that a Ham operator can arrive at the Weather Station and be ready to assist almost immediately.

The Radio Ham can pass on severe weather traffic to the weather coordinator or in turn request information from the Ham Network due to suspicious conditions noted on the radar. Jim Anderson, N9AGH, has provided much of the radio equipment and has assigned various Hams to participate during a "Watch" and/or "Warning" situation.

The NWS office in Madison has a primary and back-up responsibility for warning the public over South-Central and Southwest Wisconsin. The area includes those 21 counties bounded south and west of a line from Buffalo to Waushara to Rock Counties. It has been desired that Radio Hams in the area relay their severe weather reports to the Madison Weather Office. During the past few months a growing number of Radio Hams have been doing this and it has been greatly appreciated.

Although communications remains extremely important, what one observes to report also ranks high. Many of the Wisconsin Hams have attended Tornado Spotter's Training Programs presented by NWS personnel, and have been made aware of what severe elements should be reported. These training sessions are usually held in the late winter months under the auspices of the county's emergency government (civil defense) director. Sometimes a Ham Radio club has requested training for their group or in conjunction with other clubs.

For those who may not know what to report, the following is provided: During the summer, or thunderstorm season, report any hail, high winds in excess of 35 to 40 miles an hour, heavy rain of about two inches in about an hour, and any rapidly rotating cloud(s), wall cloud(s), funnels or tornadoes; and during the winter months, or snow season, report high winds, heavy drifting snow, and freezing precipitation including sleet, and new snow accumulations of two or more inches.

In summary, the NWS appreciates what the Radio Hams have accomplished to assist during extreme weather conditions. The base radio at the Madison Office has been a big boon to severe weather reporting over Southwest Wisconsin. The NWS encourages Ham Radio Operators to become trained spotters so that they know what to observe and when to report.

--Edwin S. Addison III
Meteorologist in Charge

Badger State Smoke Signals

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The Richard G. Chichester Memorial Scholarship - \$900
 David J. Schmocker, KJ9I -- Oconomowoc WI

QCWA Silent Key Memorial Scholarships - \$500
 Bruce A. Wade, N9UR -- Milwaukee WI

The Edmund Redington Memorial Scholarship - \$500
 Steven J. Gies, KA9EHI -- Stevens Point WI

Other area Scholarship winners include:

QCWA Silent Key Memorial Scholarships - \$500
 Mark Vernon, K19V -- Hinsdale IL

Radio Club of America Scholarship - \$500
 Theodore S. Rappaport, N9NB -- West Lafayette IN

Amateur Radio News Service Scholarship - \$500
 William J. Bishop, N0EBA -- Ottumwa IA

Badger State Smoke Signals is pleased to congratulate these and the other winners of The Foundation administered scholarships.

These scholarships were open to all Radio Amateur meeting the qualifications and residence requirements of the various sponsors. The Foundation is a non-profit organization representing fifty clubs in Maryland, the District of Columbia and Northern Virginia. It is devoted exclusively to the scientific, literary and educational pursuits that advance the purposes of the Amateur Radio Service.

Information regarding 1984 awards will appear in the April or May issues of the major amateur radio publications (including BSSS).

Swanfest Corner

September 10: The Wisconsin Nets Association, LTD annual picnic will be held at South Wood County Park (just east of Wisconsin Rapids). Registration begins at 10:00 a.m. The cost of \$3.00 single, \$4.00 couple or \$5.00 family includes beverages (beer and pop). Bring your own grub. Grills will be provided for cooking. Further information in flyer with this issue.

September 24-25: Radio Expo 83. Displays of the latest in person-to-person communications...How-to and Technical sessions...Discussions with FCC and ARRL spokesmen...Ladies' program...Free camping...Home computer technology. Lake County Illinois Fairgrounds. Rts. 45 & 120, Grayslake, IL. Halfway between Chicago and Milwaukee. Talk-in 146.16/76, 146.52, 222.5/224.1. Tickets \$4.00 for both days (\$3.00 in advance) Box 1532, Evanston, IL 60204

October 9: The Kettle Moraine Radio Amateur Club will hold their annual Ham Computer, and Video fest on Sunday October 9, 1983 beginning at 8:00 a.m. at the Waukesha Exposition Center, Highways F & FT. Admission \$2.00 in advance (\$3.00 at the door). Reserved 4 foot table \$3.00 (held 'till 11 a.m. only.). Reservations accepted to Oct. 1. For more information or reservations write to KMRA RAC, P. O. box 411, Waukesha, Wisconsin 53187.

WISCONSIN ASSOCIATION OF REPEATERS

The Wisconsin Association of Repeaters will meet one week later than usual, on Saturday, September 17, at Wisconsin Dells. Its quarterly session is being held to coincide with the annual Fall Festival in the Dells, known as Wo-Zha-Wa.

Wo-Zha-Wa, in the native Winnebago language, means "Fun Time". Included are a host of special activities for everyone, including a Street Carnival, Arts, and Crafts Festival, Maxwell Street Days and the Tommy Bartlett Run. There is plenty of Street-sold beer, brats, bar-b-q chicken and beef, and sweet corn. The grand finale is the spectacular 100 unit parade.

The festival runs September 16, 17, and 18. The W.A.R. meeting will be held at the Holiday Inn, Hwy. 13 and I 90-94, at 1:00 pm. Those wishing to lunch before the meeting may meet in the hotel restaurant at Noon. All hams are welcome to attend the W.A.R. meetings. W.A.R. is the coordinating body for FM repeaters in Wisconsin.

from THE ARRL LETTER

HANS/CABLE -- PUSH COMES TO SHOVE

ARRL has filed a Motion for Expedited Action on its Petition for Rule Making (RM-4040), requesting that cable TV operations be removed from channels E (144-153 MHz) and K (222-228 MHz). Filed in January, 1982, the

The Foundation for Amateur Radio is pleased to announce the 1983 winners of the fourteen (14) scholarships which it administers.

The following Badger Staters were Scholarship winners:

original petition stemmed from the volume of complaints from amateurs about excessive leakage from cable TV systems all over the country.

In this latest filing, the League notes that the Amateur Radio community has made every conceivable effort to work with the cable industry through its trade association, the National Cable TV Association (NCTA), but that NCTA has not negotiated in good faith. It appears that NCTA did not seriously intend to participate in resolving interference problems, but merely sought to achieve "detente" instead of arriving at a just and workable solution to the problem.

ARRL also cited efforts to establish a joint policy statement with NCTA that amateurs could use at the local level to make their neighbors and the cable operator aware that amateurs are not the "cause" of the problem. Although seemingly adoption a cooperative stance at the start, NCTA's recent position is that it is no longer inclined to promulgate such a policy statement as it perceived no present benefit to itself from doing so. Although the Amateur Radio community has done everything in its power to achieve a workable solution with the cable industry, the cable industry has done little more than drag its feet.

AMSAT OSCAR 10's transponder was turned on Saturday, August 6. WIAW has worked several DX stations, including CT1, DL1, F1, G3, HB9, OZ5, PA3, and ZS6.

Ever since OSCAR 10's transponder was turned on, WIAW has been transmitting cw and phone bulletins via the satellite. RTTY and ASCII bulletins will begin via the satellite soon.

When using OSCAR 10, please listen to the general beacon first. Try to match your signal strength with the beacon's. If your signal is stronger than the general beacon's, then you are using too much power. Hitting the satellite with too much power will cause the AGC to quiet the entire passband, eliminating the weaker stations. If all satellite users follow this rule, more stations will be able to share the satellite.

Reports of poor signal strength on August 6 and 7 were accurate -- the omnidirectional antennas had to be used until OSCAR 10's orientation was corrected. The gain antennas have improved the situation by about 10 dB and S9 signals are being reported. Several stations have reported making solid QSOs with less than 10 watts into average 70-cm Yagis or helices.

At some time in the near future, OSCAR 10's general beacon will be carrying longer bulletins in Morse code and RTTY. The on-board computer will also tell you where the spacecraft is located. It may be possible to plot antenna headings with no more than a glove and a piece of string!

----- SHUTTLE UPDATE

Once the STS-9 Columbia with WSLFL lands, Roy Neal, K6DUE, and crew will be re-editing "Amateur Radio's Newest Frontiers." We'd like to include footage of stations actually in contact with STS-9. If a TV crew plans to cover you attempt to work Dr. Garriott, please

ask the news director (ahead of time) to donate a copy of any footage shot to ARRL for possible use. We would require broadcast quality, 3/4 inch u-matic cassettes with all necessary releases accompanying the submission. Please send all submissions to STS-9 Tape, Public Information Office, ARRL Hq., Newington, CT 06111.

Announcement has been made that the radio to be used by WSLFL is a special transceiver supplied by Motorola for use aboard the spacecraft.

 Latest call signs issued as of FCC list released August 11, 1983.

Group A -- KX9F
 Group B -- KD9DB
 Group C -- N9ECI
 Group D -- KA9QHN

The EAA Convention - A Fun Time
 Jim Romelfanger, K9ZZ

The Experimental Aircraft Association's annual eight day Convention and fly-in at Wittman Field in Oshkosh continues to grow every year. This year's event was the biggest ever.

As usual, Amateur Radio station W9KKK/9 was operating on the grounds. I had the privilege to operate the station, along with Steve, W8YSD, on the first Saturday.

The HF rig wasn't behaving just right. Steve checked our AC main voltage... It was only 90 volts, 30 volts too low! No way operations could work with that! Steve checked the open spaces in the area of the commo trailer and found an unused outlet... and it showed 120 volts! Hooray!!! The EAA has a volunteer pool. We called them for help to move the trailer, and within 10 minutes we had at least 5 willing volunteers. It took about 2 hours for the move, and we were in business.

The day was spent greeting about 100 Amateur Radio ops, and in passing traffic.

The HF rig was operating on 40 and 80 meter sideband, and we had 2 meter gear to give directions, the location of the trailer and get fellow hams together.

The days' temp was 90+, and we were both very busy working the commo trailer.

Rigs were brought in to charge batteries or to make needed repairs. Steve, W8YSD, was featured on a remote radio broadcast on one of the local BC stations.

It is always fun to work with the Oshkosh Amateur Radio Club, which operates the station. Thanks to them, to the Experimental Aircraft Association, and especially to Elmer Erickson, W9KKK, of Omro... a BIG thanks for their hospitality and for the privilege of working at the biggest convention in the world! It's a high spot each year, and we hope to be there again in 1984. The best adjective to describe it is superb!

-- Jim Romelfanger, K9ZZ

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      W      W      W      NN      N      A
      W      W W      W      N N      N
      W      W      W      N N      N
      W W      W W      N N      N
      W      W      W      N      NN

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W.N.A. LTD. ANNUAL PICNIC

WHEN: SATURDAY SEPT 10th

WHERE: SOUTH WOOD COUNTY PARK -- (just East of Wisconsin Rapids)
(see map on page 8)

TIME: Registration begins at 10AM

COST: SINGLE: 3.00 COUPLE: 4.00 FAMILY: 5.00

The cost includes beverages (beer & pop). Bring your own grub.
Grills will be provided for cooking.

Shelter house available for inclement weather w/ flush toilets

Beach area and playground equipment for the kiddies -- also games
will be played.

Boat Ramp

Fishing

Jim KB9FM is bringing his balloon and hopes to fly it for us --
weather permitting.

If there is enough interest, there will be a softball game (CW vs
SSB ops) so bring your bat, ball and glove.

Bingo for the ladies and kids. Campground available - no hookups.
(Flush toilets in shelter)

Prizes will be awarded around 4 PM

FUN FOR ALL --- BE THERE!!!!!!!

WISCONSIN NETS

NET	WNA	FREQ	UTC	LOCAL CDT	MANAGER
BWN	YES	3984	1100Z	0600	WB9YPY
BEN	YES	3985	1700Z	1200	WB9ESH
WSSN	YES	3985	2230Z	1730	K9ANV
WNN	YES	3723	2300Z	1800	KA9HPD
WSSN	YES	3645	2330Z	1830	KC9CJ
WIN-E	YES	3662	0000Z	1900	W9YCV
WIN-L	YES	3662	0300Z	2200	K9LBU
XPO	NO	3925	1731Z	1231	WA9YVC
NMTN	YES	.34/.94	2330Z	1830	WB9YPY
GR.BAY	NO	.72/.12	THU 0145Z	2045 WED	WB9NRK
WCWTN	YES	.31/.91	2330Z	1830	N9AUG

I do hope that you are looking for someone to this job
now, as I will not be seeking any positions after June
1984.

I do hope everyone is enjoying the hot summer. Remem-
ber last winter!!! We were wishing it would warm up.

I hope all will attend the WNA picnic, to be held
September 10 at South Wood County Park. There will be
a gang camping at Ridge's, near the picnic site, so
please make an endeavor to attend this picnic, as it is
a good place to meet the old gang, and talk over old
times, etc.

73, Roy, K9FHI

ARRL Section Manager, Roy Pederson, K9FHI

Things are going fine for all the nets. However, I
INSIST that stations sending SAR, PSNR, and Net reports
to get them to me immediately after the end of the
month. I have quite a bit of typing to do on these
reports and SAR's are arranged with largest totals
first and down. Each column has to equal the grand
total, so your correct addition is a must.

These reports are sent to ARRL on the 7th of each
month, any reports received the 6th will be held over
for the following month. There will be no exceptions.

ARRL Affiliated Club Coordinator

Dave Knaus, WA9PDV
6237 W. Lincoln Creek Dr.
Milwaukee, WI 53218

By the time you read this, summer in Wisconsin will be
all but a memory and ham clubs will be starting a new
season of activities. Those of you who belong to clubs
which were active throughout the summer are fortunate
to have such well organized and enthusiastic groups.

Even the most organized among us can overlook a detail
now and then. This is the case with a few of the

Affiliated Clubs in the state who have missed their opportunities to make their annual report on their status as Affiliated Clubs. All Wisconsin Affiliated Clubs will have received, by now, a mailing from me regarding the Special Service Club program. Those who are not current with an annual report were also sent the forms to accomplish this. Clubs who have not reported since 1981 were removed from the actively affiliated clubs list by the League as of July 31. Several clubs in Wisconsin are in this category.

If your club falls into the above category, it could mean loss of ARRL affiliation; the loss of many benefits to the active club such as training and PR resources. These are benefits that many clubs rely upon in their operations. You as a club member should be concerned with maintaining your club's status as an Affiliated Club so that those benefits may continue uninterrupted. Sometimes the officers of a club need a little prodding to get a small detail taken care of. Don't let your club's affiliation be terminated for lack of a simple annual report.

As reported in QST, many clubs around the country are becoming SSCs. To date, no Wisconsin Affiliated Club has applied for SSC. I have been hopeful that there would be interest in the SSC program from several clubs in the state. Perhaps the new season will awaken interest among the clubs and their members. Best of luck with your club's programs and I look forward to hearing from you or your club about the SSC program and how your club can qualify. Have a good club season!

Dave Knaus, W9POV
Affiliated Club Coordinator

From the Wisconsin Section Public Information Officer.

Jim Romelfanger, K9ZZ
1414 Martiny Ct., #6
Baraboo, Wisconsin 53913

Good Amateur Radio publicity benefits our hobby, but we cannot depend on the media to do it all. We have to supply the media - radio, TV, newspapers - with good interesting information about Amateur Radio.

As Public Information Officer for our ARRL section, I'm seeking people to originate news for the public. I've written to all actively Affiliated Clubs in Wisconsin, asking who handles PR for their club. I wrote to 49 clubs, and as of now, have gotten only four answers. This is disappointing, to say the least.

Clubs should make a real effort to create favorable image for us, as clubs generally are where interesting activities take place. Clubs are also a resource of talents, including PR. If your club has no media person, I suggest that you try to find someone to do the PR job. If you do find a PR person who is willing to expend the effort in your club, have him/her write me and I will make an appointment as Public Relations Assistant.

As a PIA, you get no pay but a lot recognition, a certificate, and you can operate all the ARRL QSO Parties. The certificate and the ARRL Party though are secondary to producing good media information.

If you become a PIA, you will also be sent the media

"kit" from the ARRL. The kit is most helpful to doing the PIA's job the right way. Included in the kit is information regarding the upcoming flight of Owen Garriott, W5LFL, and his operation from the orbiting STS-9 Columbia, which will take place in late October. (The flight has been delayed a month due to payload operations problems with the payload aboard the next flight of the STS-8 Challenger.)

If clubs do not seek PIA people, it is my responsibility to locate someone who will do the job in any given area. We need good media! If you are interested in being a PIA, please contact me at my QTH above. We need PIAs - why not you?

73, Jim, K9ZZ

WIN EARLY
Les Peterson, W9YCV, NM

WIN-E welcomes at its newest member K9BED, Ralph here in the Milwaukee area.

KA90BP, Paul, in Portage, is now eligible for his WIN-E Certificate with an NCS endorsement. Paul should be receiving it soon after our STM returns home. Am grateful to Paul for taking a MCS job as well as frequently filling in as alternate NCS and 9RN rep. (ed note: Paul is 12 years old! zz)

Bob, K9SAO, is another amateur that combines stamp collecting with hamming.

Our former Thursday NCS has returned -- welcome back Warren, W9KU. If you net members can continue to hear Warren with his new TS 530S and a vertical antenna, our Thursday night spot will be once again filled.

Any new satellite users out there? DXing is getting to be good on the Sputniks. I recently worked VP2NM, G6RH, OZ1AZZ and KP4FIX. Now have 45 states, 4 continents and 6 countries worked on the satellites.

Word received today that Wid, W9DM, who was WIN-E net manager before me and a long time net member before moving to Minnesota suffered a massive stroke on Monday July 25. As of today, July 29, prognosis is good and he is recovering from some of the paralysis. We all wish Wid a speedy and full recovery.

That is it for this time.

73, Les, WIN-E NM

(Congrats Les on the picture and fine publicity on the SAAGBRAW communications in the Milwaukee Sentinel. k9en)

(Les also included a WIN-E roster which we do not have room for in Smoke Signals, but we will provide a copy to any who will send a SASE to K9EN.)

I Can't think of anything to put here!!!!

Y	Y	TTTTTT	A	RRRR	CCCC
Y	Y	T	A A	R R	C
Y		T	A A	RRRR	C
Y		T	AAAAAA	R R	C
		T	A	A R R	CCCC

The August meeting of our august group was held Thursday August 18, in room 34 of the Baraboo Civic Center. As has become the custom, we had no quorum. In attendance were:

Kevin Boyd, KA9QGL, Baraboo
 Harry Mayland, F9FFT, Baraboo
 Jim Decker, WB9UQT, Baraboo
 Jim Romelfanger, K9ZZ, Baraboo
 Duane Grotphorst, KA9HKL, Sauk City

Another good bull session was held. Duane, KA9HKL, brought us up to date on 2 meter tropo propagation and on OSCAR 10's signal strength (or lack of it.) Treasurer Jim Decker, WB9UQT, showed a balance at meeting time of \$220.03. We all trucked to Henderson's to continue the chat over coffee and lotsa fattening goodies. New member Kevin Boyd, KA9QGL, could not be voted to membership due to the lack of a quorum. However, he is indeed a member!

Speaking of Kevin, here's the scoop about our newest member. Kevin lives in Baraboo and received his Novice ticket by going thru the latest YTARC Novice class. Kevin doesn't have a rig yet but is looking forward to getting on the air. Kevin answers the "What influenced you to join..." question with "I felt that I would be able to learn more about Amateur Radio." His other hobbies are coin collecting and photography (and a good photographer, I might add.) Welcome, Kevin.. Glad to have you aboard!

The Novice class produced three other new Novices: William Hammell III, KA9QFJ, Baraboo, John McArthur, KA9QFN, Baraboo and Dominic Bianco, KA9QFK, La Valle. Congrats! k9zz

Sentence Sermon:

He gives double who gives unasked.
 --Leigh Hunt

Big Tips of the YTARC Headdress to these members having September Birthdaze!

Sept. 10 - Jeremy Wight, WB9NVI, Seattle WA
 Sept. 16 - George Halper, W9SUF, West Allis WI
 Sept. 16 - John Hansel, WB9TIG, Baraboo WI
 Sept. 22 - Norma Gade, K9ELK, Baraboo WI
 Sept. 23 - Gordon Grant, W9ULM, Oxford WI

Congrats to you all and we wish you many more! k9zz

More congrats to Charter Member Elwyn Harris, W9YPP, Prairie du Sac...Elwyn was honored by the Badger Steam and Gas Club on the occasion of the club's 28th show. It was held at the Sauk County Fairgrounds...and, in the program booklet, Elwyn was chosen to be the clubs honored member. There are several good pix and a most interesting story. Another tip of the Headdress to you, Elwyn. His YF Evalyn plays organ at church services held at the the show each year.

YTARC'S SEPTEMBER MEETING will be Monday, September 12 in room 34 of the Baraboo Civic Center. Starting time is 7:30 p.m. This will be the first regular meeting of th season and will feature a NASA film, "Opening new Frontiers". The movie covers the first four flights of the space shuttle Columbia. It will be a goodie! We may have another little treat, too. Please attend and give us a quorum! We need a quorum so we can conduct club business including possibly changing the minimum required for a quorum. See ya there. Will YOU win Buck Nite? Nebbe so, but you gotta be there!

Other meetings coming up: Tue. Oct. 11, Wed. Nov. 16, Thurs. Dec. 15. k9zz

ACHTUNG ACHTUNG ACHTUNG ACHTUNG

YTARC'S FALL FISH FRY is September 16 at Pierce's Supper Club, 323 So. Blvd., Baraboo. An annual goodie...Come and join your fellow club membes and our honored guests as we partake of a goodly supply of fish and other assorted fodder. It's just \$5.25 per plate, tax and tip included. Bob King, KA9GNY, will give a show-and-tell of many slides taken from the air. We'll see other flying craft and some great shots of good ole terra firma, too. Happy hour is at 6:00 p.m. and fish will come from the kitchen at 7:00 p.m. Happy hour is Dutch. Reservations are coming in...don't miss this yearly gathering of good friends! All are welcome -- membership is not needed. Send \$5.25 per plate to Jim Decker, WB9UQT, P.O. Box 337, Baraboo Wisconsin 53913. (356-5376)

Good Friend and YTARC member George Halper, W9SUF and some of his amigos/amigas were in the Baraboo area recently for a mini-vacation. They spent much time in the Wisconsin De;js. and George sez he's never enjoyed a acation so much! Good to see ya, OT, and we hope to see you both again at the YTARC Fish Dinner on your birthday, Sept. 16! k9zz

Hope you liked the poem on the mailing cover this issue..not one of my best! k9zz

Our President Bob King, KA9GNY, is a man of many talents, and new ones keep popping up! Some time ago, Bob took a short course in Calligraphy...that beautiful, old-world letter style, the kind you see on certificates. (In fact, Bob lettered our Novice class graduation certificates, and they look great!) Now, Bob's into wood carving, and, per usual, doing it well. There's a great deal more than "whittling" in doing wood carving" FB, Bob... k9zz

Durlin Cox's biggie Tesla coil was fired up recently for some Mad City Amateurs. No matter how often you see it work, it is always most impressive! Durlin has a new QTH north of Baraboo, and a fine one it is..lotsa room. Durlin was an Amateur operator some time ago, and I'm trying to figure out how to snag him again, HI. Thanx, Durlin! k9zz

Wrapup: The operating season is about here and we hope to hear lots of YTARCs on the bands...Some Swapfests upcoming...good contests...winter DX season...and, we may try working the 160 meter test(s) with a 260-foot vertical...again. Last time, we made over 300 contacts in just one nite of operating...most impressive indeed! More as time passes. Also, we'll try to start the 52 Monday nite net in the not-too-distant future. See ya... 73 jim k9zz

FOR SALE: Heath HW-2036, upgraded to 2036A. Covers entire 2 meter band. Is synthesized in 5KHz steps. Also has numeric LEDs behind meter for easy adjusting at night. Needs some minor attention, but it's working very well.. Draws about 3 amperes on transmit. Also for sale Zenith solid state stereo. Portable. Works FB bud does need new stylus for 33 1/3 and 45. Plays 78s also. Asking \$150.00 for the HW-2036. The stereo goes for \$45.00. Jim Romelfanger, K9ZZ, 1414 Martiny Ct., #6, Baraboo, Wisconsin 53913. 356-3127

FOR SALE: Complete Heath Station - mint condition. Includes the following:

- SB-333 Solid state receiver/cw filter
- SB-400 Transmitter
- SB-650 Digital freq display
- SB-650 Speaker
- Two meter converter for above
- All manuals, cables and extender boards

Will sacrifice for \$375 or best offer. Gene Santoski, K9UT0, 1226 - 18th Street South, Wisconsin Rapids, Wisconsin 54494. Call after 4 p.m., 715-423-6368

from THE ARRL LETTER

Senator Barry Goldwater, K7USA, will be featured on the September 1st Teleconference Radio Net, at 8:30 p.m. EDT (7:30 p.m. CDT). An added special guest will be Roy Neal, K8DUE, of NRC. Neal will present an update on the status of Owen Garriott's amateur operation from space (STS-9).

In addition to over 100 terrestrial stations transmitting the T.R.N. across North America, Larry Vandewater, N9WKB with copilot Rich Amundson, WA0JFS, will be transmitting the net on 147.55 MHz. from an aircraft flying at 12,000 feet over State Center, IA. The aircraft will be linked to the terrestrial network via UHF FM using Ralph Wallio's (W8RPK) OSCAR tracking antennas.

The aeronautical mobile station will extend the Net's range to cover all of Iowa, plus some overlapping areas. This was done to reduce the number of telephone ports taken up on the teleconference bridge.

A complete listing of the stations (including location and frequency) which will be tied into the September 1 T.R.N. is contained in the CompuServe "Hannet" X10 database. Information may also be obtained from the net manager Rick Whiting, W8TN, (612-870-2071 days) 4749 Diane Drive, Minnetonka, MN 55343.

Gerald von Klein (Gerry), WA9GYF, is battling cancer and is hospitalized in Marshfield. We all extend our best wishes for successful treatment, Gerry! Gerry is a Charter Member of the Yellow Thunder ARC, and has been a supporter of that club since YTARC's beginning in 1969. He can always be counted on to bring a smile. Why not bring a smile to him? Cards can go to Gerald von Klein, Patient, St. Joseph's Hospital, 611 St. Joseph's Avenue, Marshfield, Wis. 54449, Room 238-2 DMC. Hang in there, Gerry...We're plugging for you! --k9zz

HIGH TEST ELECTRICITY FOR ELECTRIC CARS from GEARVAKf Bulletin

According to a report issued by the Consortium of Electric Power Producing Companies, Local power companies will begin offering special electricity to their customers who drive electric cars and golf carts. The high test electric power is expected to be available in most areas by the end of 1983.

Mr. Norton J. Greebig, spokesman for the Consortium, explained to reporters that the new electricity will charge batteries faster, be free of contaminants and will allow electric cars to get more miles per kilowatt. "Fuel electricity will be different from regular house power," Greebig said. "We'll put in special additives and solvents to prevent varnish and sludge from building up in the motor."

"Of course, this costs more money, so the cost of our electrical fuel will be slightly more than you pay for house power," he explained. The GEARVAKf Bulletin has learned that a kilowatt hour of fuel electricity will cost the consumer between 25 and 33 cents per kilowatt hour. Regular house power goes for about 6 to 12 cents per kilowatt hour.

FWCA ISSUES "RADIOCARE" POLICIES from GEARVAKf Bulletin

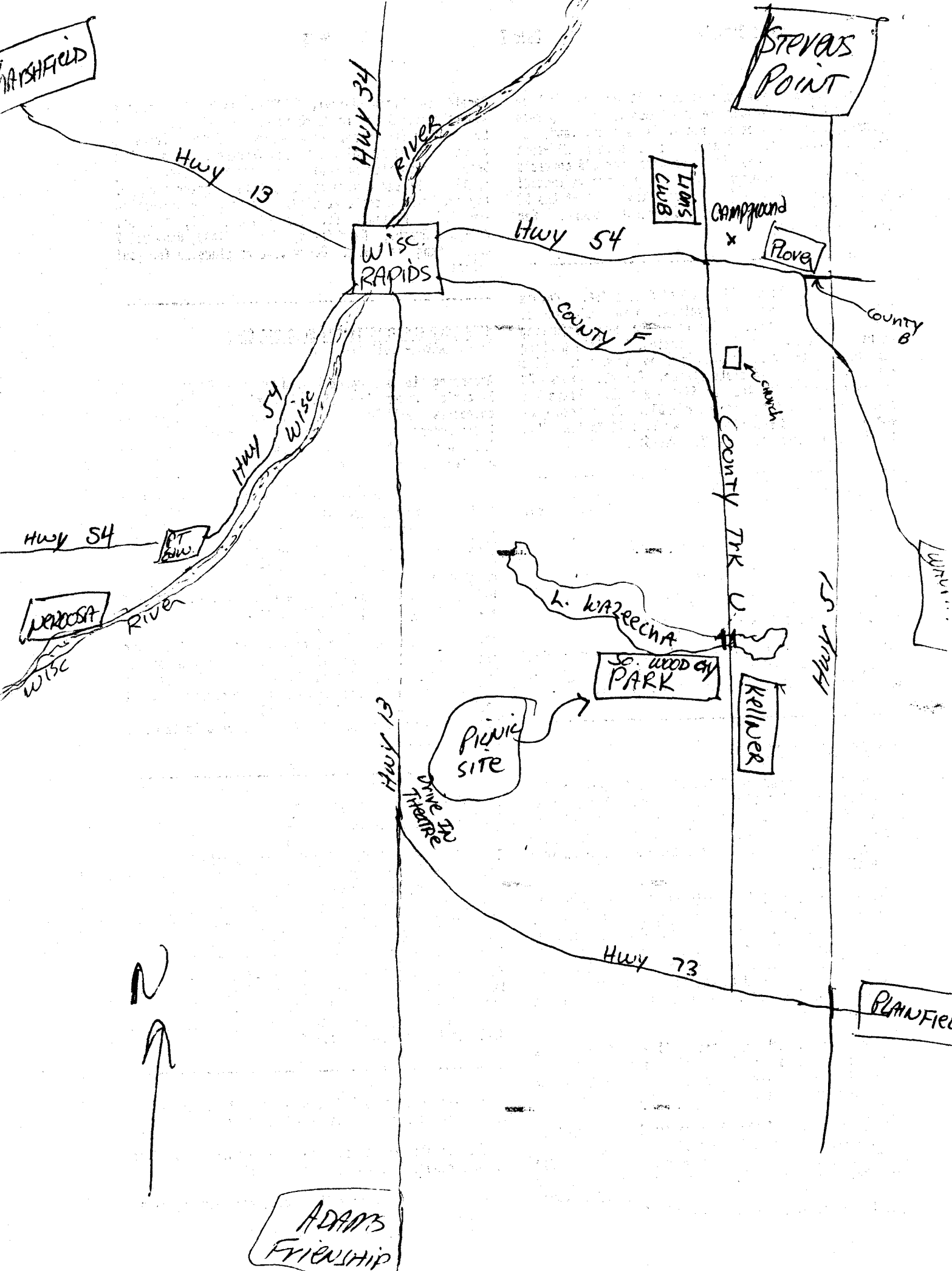
The FWCA (Full Century Wireless Association) is now able to offer Radiocare to members who have reached at least their 154th birthday by June 30, 1982. Radiocare card holders are entitled to three free spark gap cleanings, one coil rewinding, and one varionster adjustment per year under Part A Radiocare. Under Part B Radiocare, FWCA members with one letter call signs such as "Q" are entitled to one call sign cleaning and buffing once each year. FWCA Radiocare Chairman, Lester Free-Freemantle, IT, recommends regular cleanings for all FWCA members. As Lee says so aptly, "A dirty call is no call at all."

If the Indians wanted to send small talk on their smoke signals did they use baby blankets?

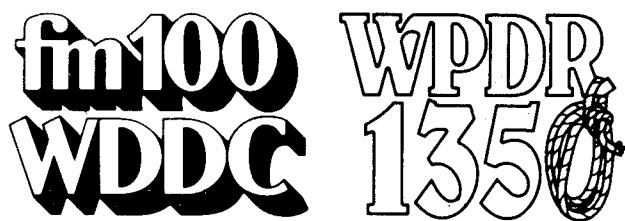
The female robot said to the bionic man, "Not tonight honey, I've got a short circuit."

Merchant: "Why didn't that young man buy anything? What did he want to see?"

Salesgirl: "Na --- Tomorrow night!"



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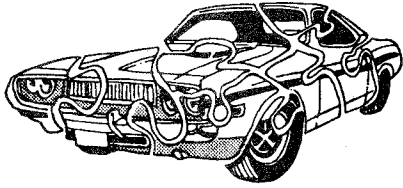
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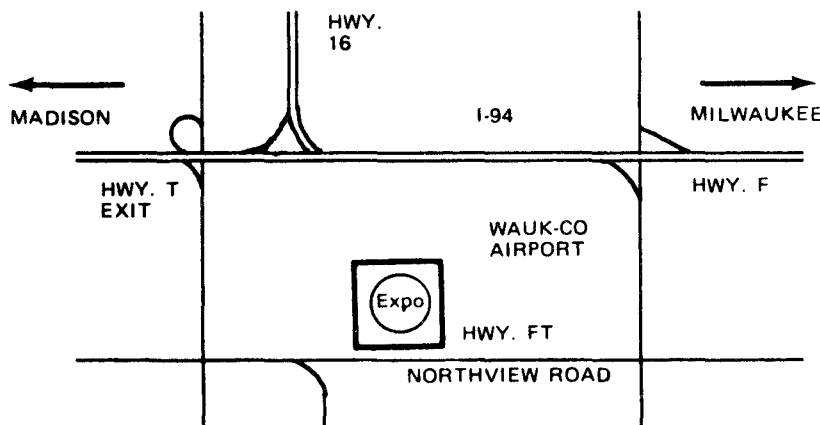
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